

TOP SECRET

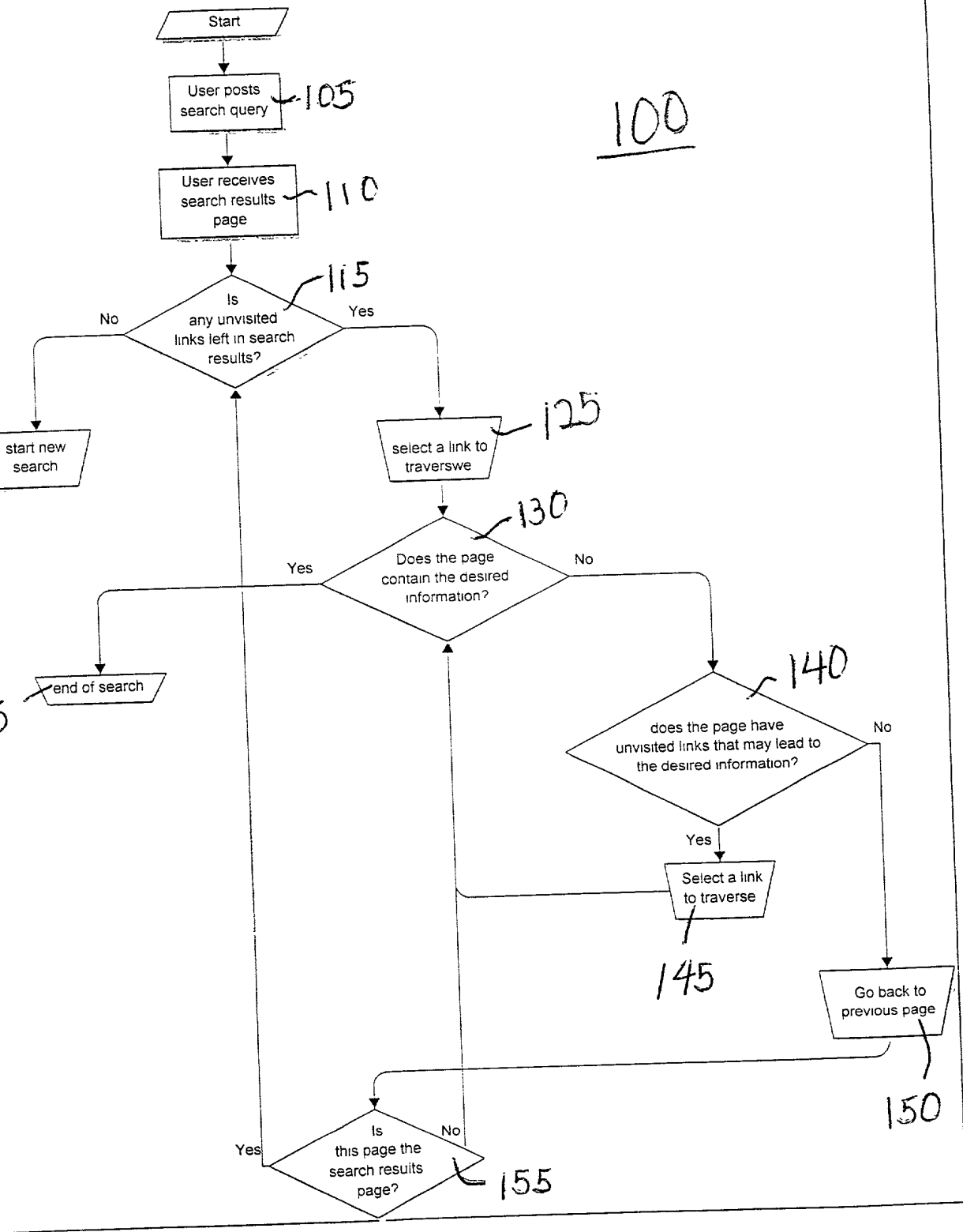


Fig. 1

TOP SECRET 6556350

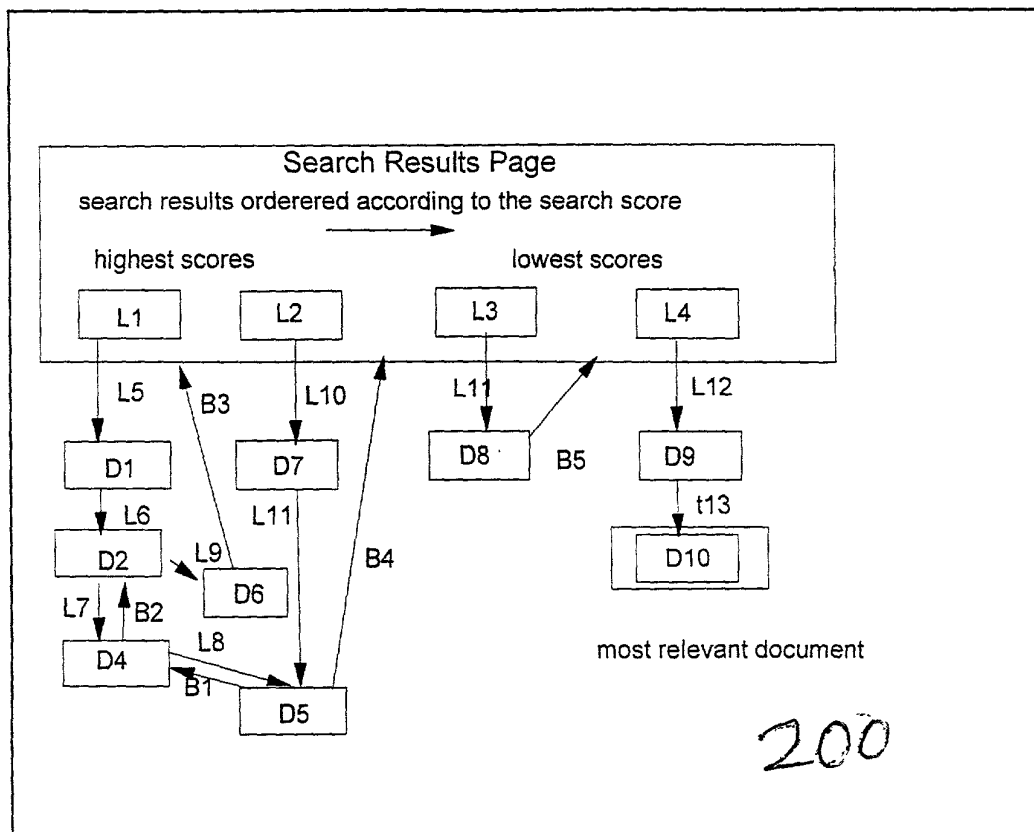


Fig 2

106290 6646860

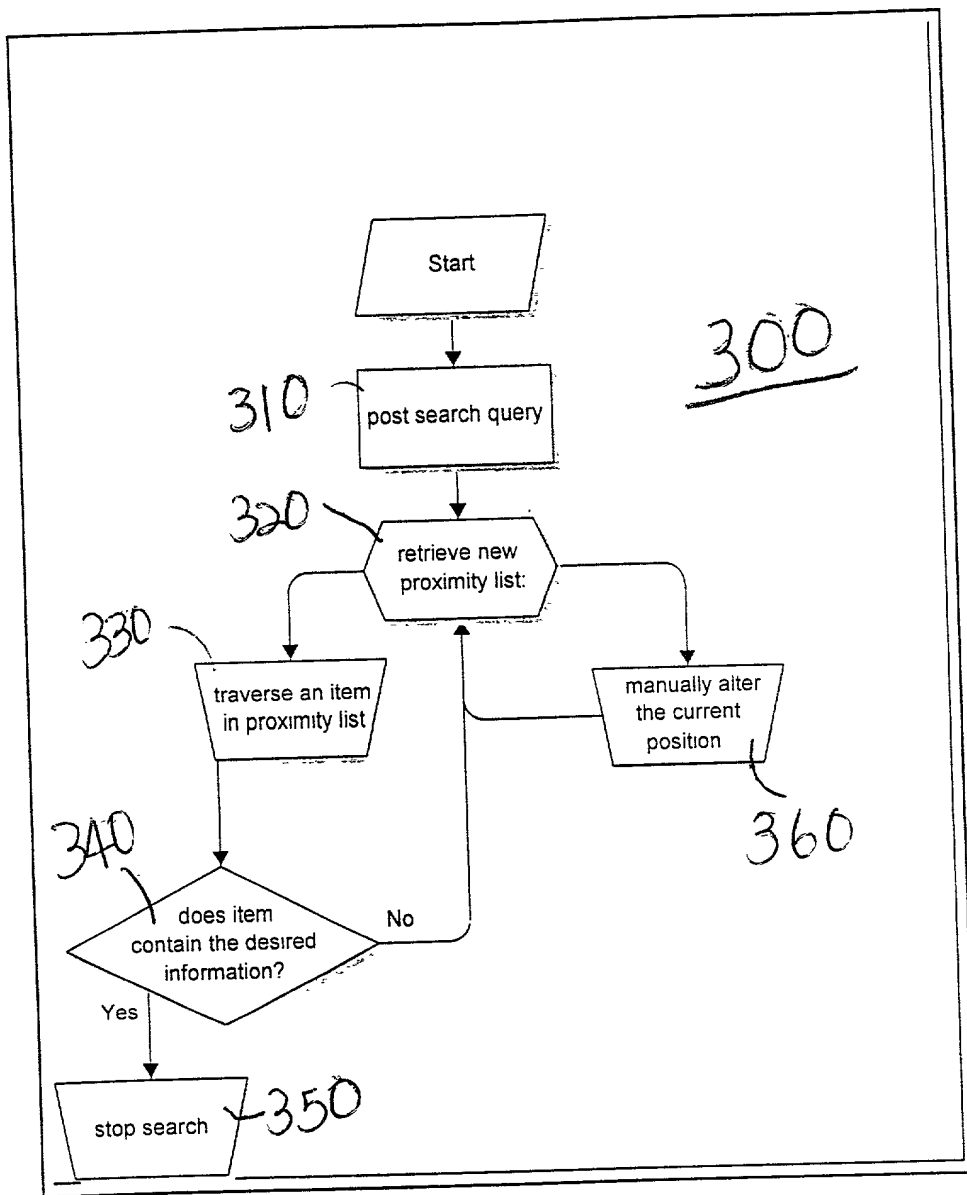


Fig 3

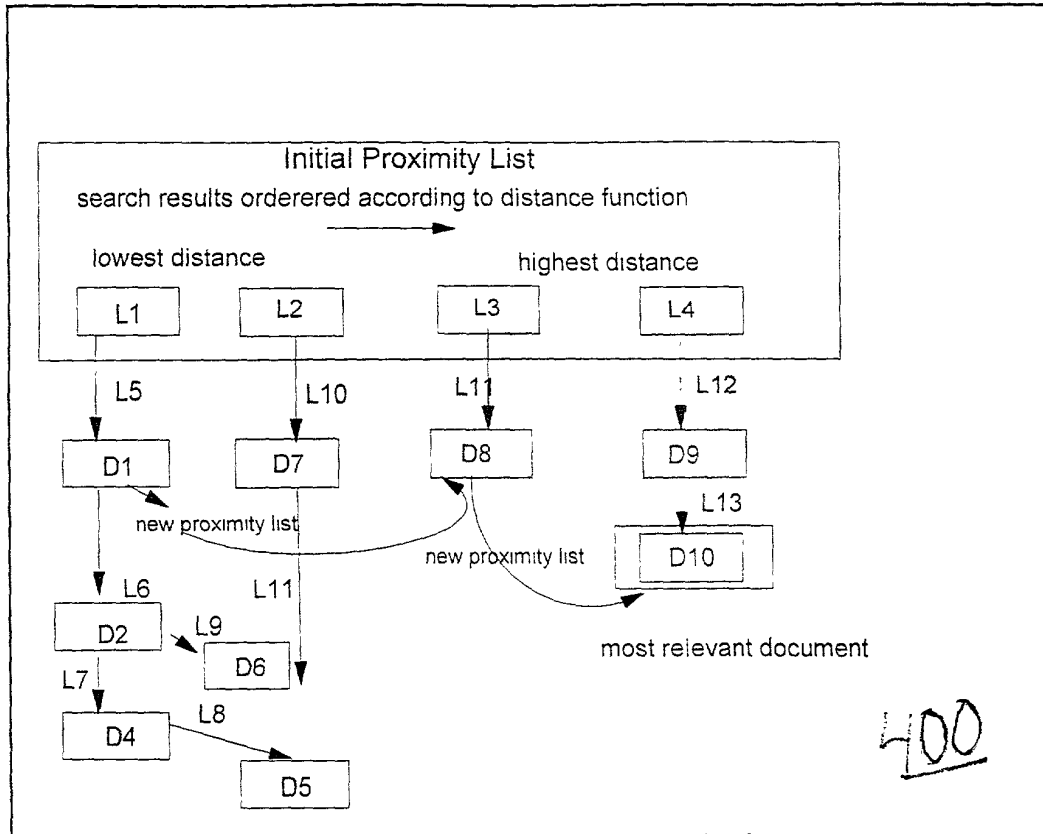
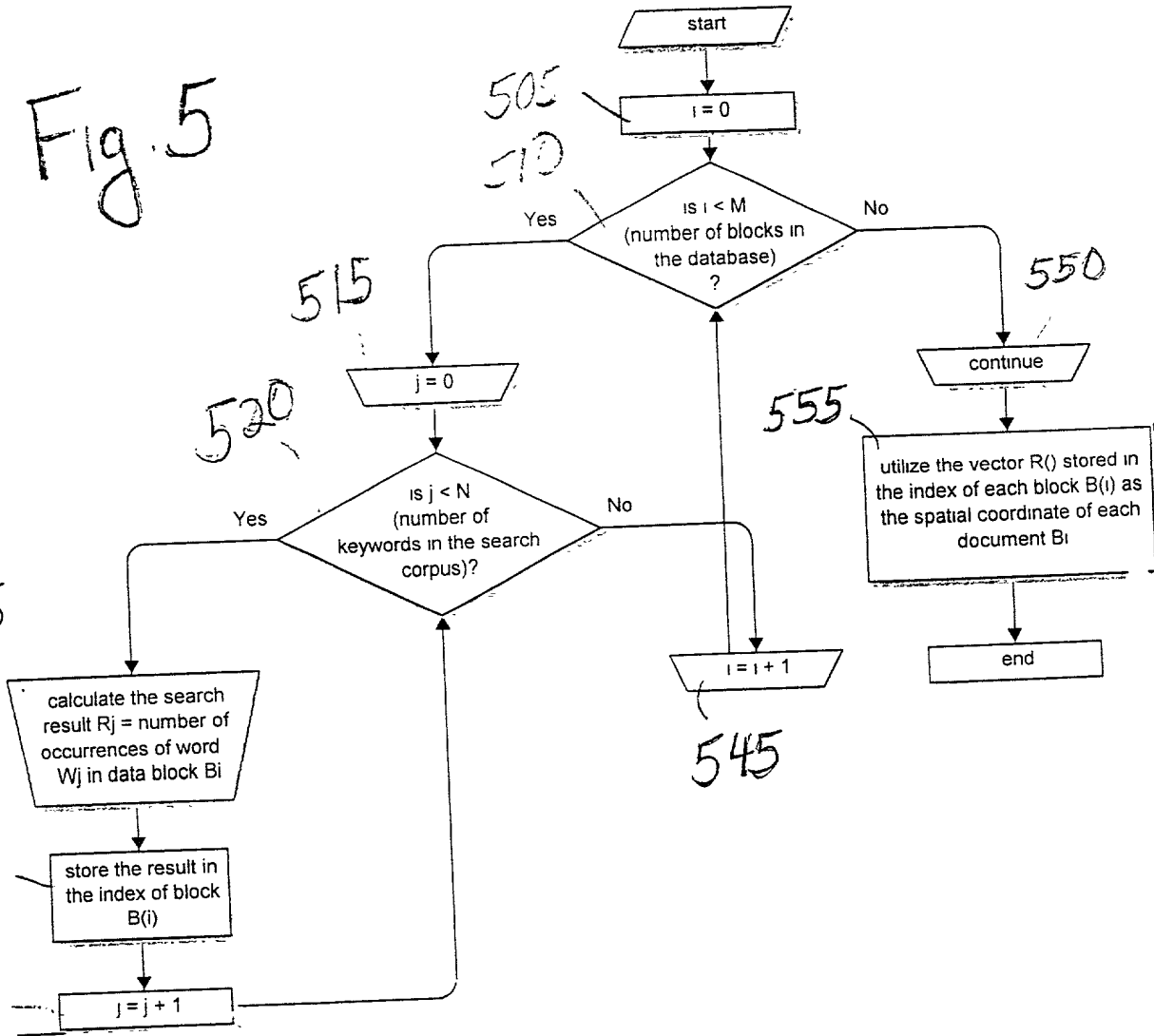


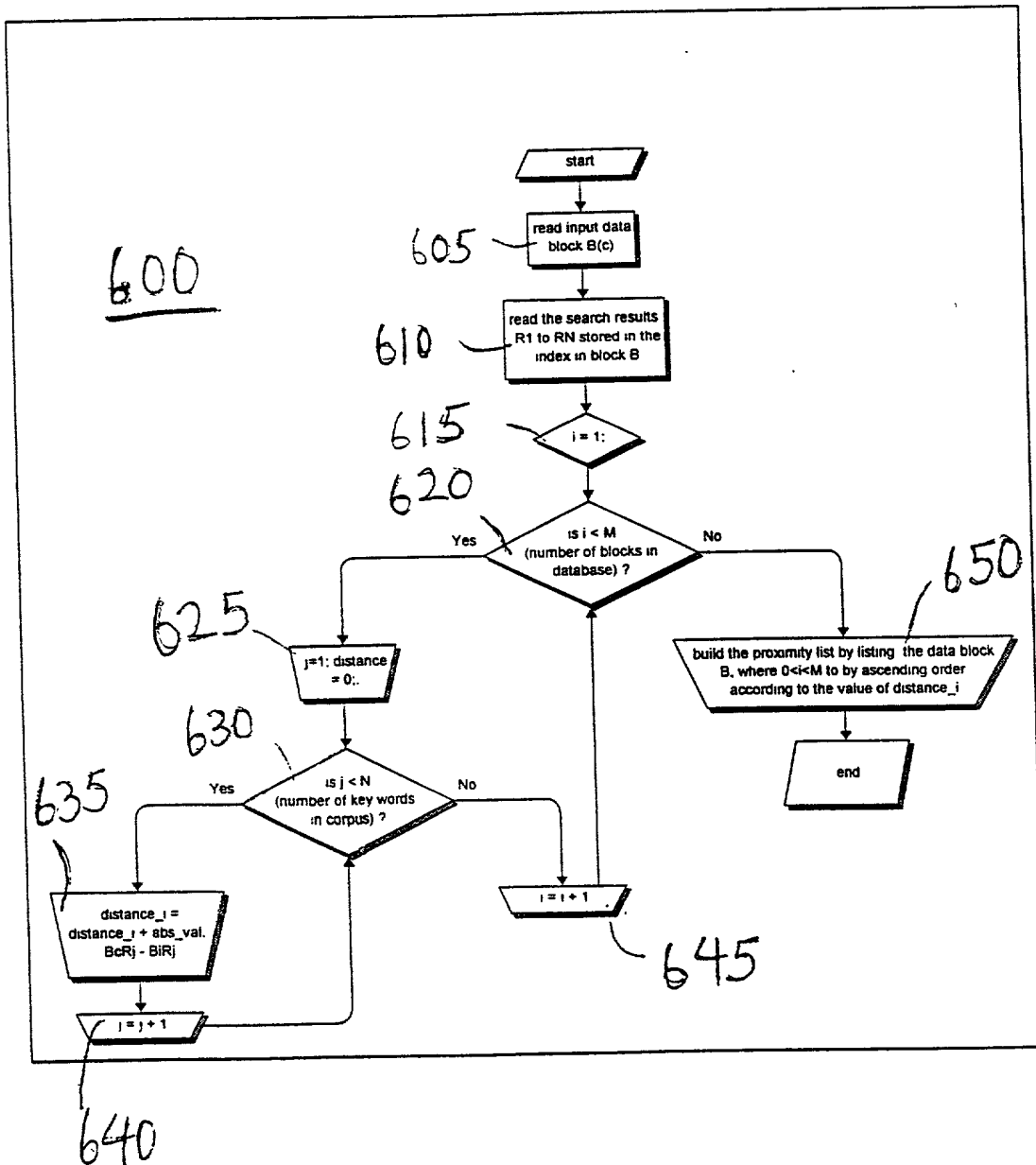
Fig 4

Fig. 5



500

Fig. 6



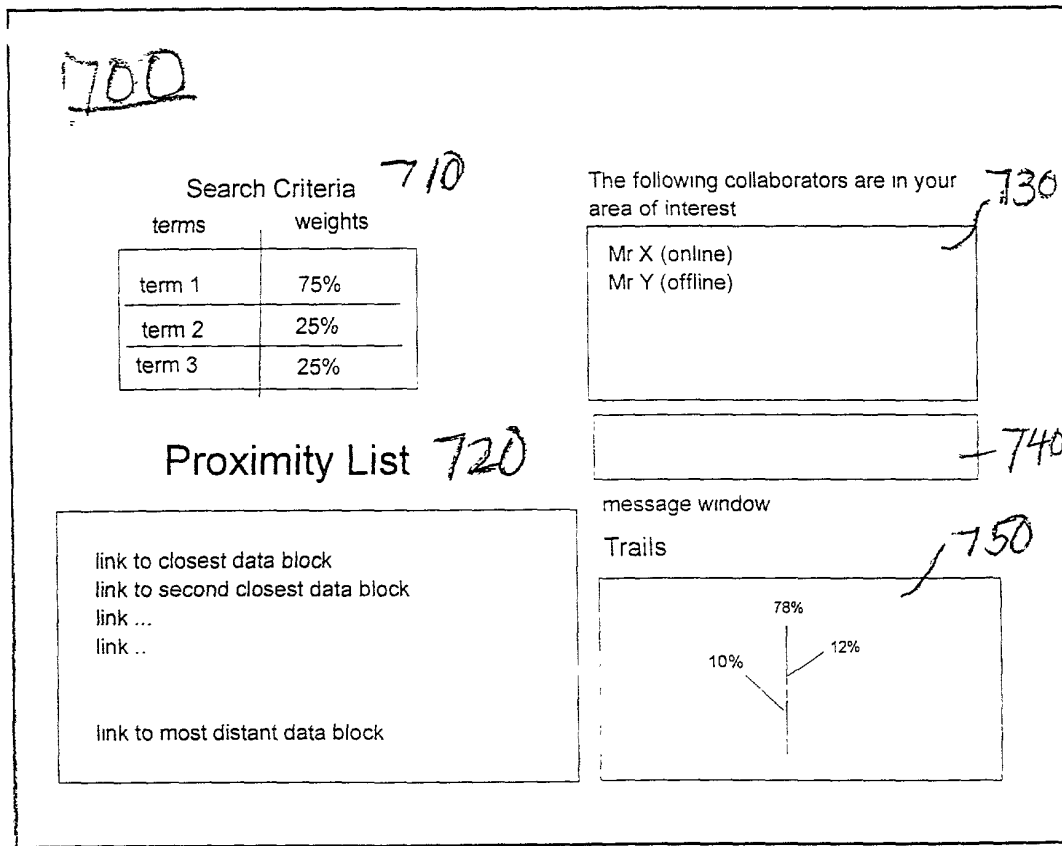


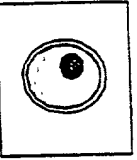
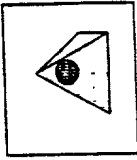
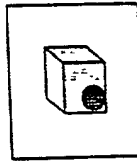
Fig. 7

# Proposed Prototype: Collaborative Research Portal

800

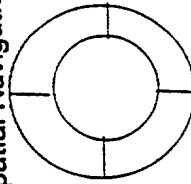
## Search Results

Closest results in cyberspace  
Most likely trail matches



Three dimensional projections of the search space

## Spatial Navigation



810 -

Number of navigational dimensions: 4

The following collaborators are in your  
area of interest

Mr. X (online)  
Mr. Y (offline)

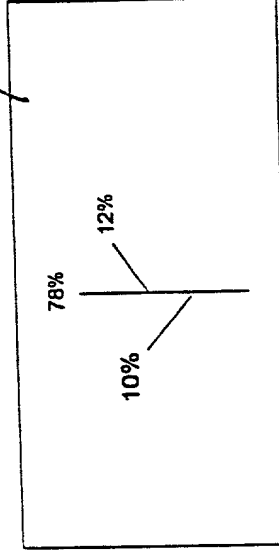
830

840

message window

Trails

850





TOP SECRET

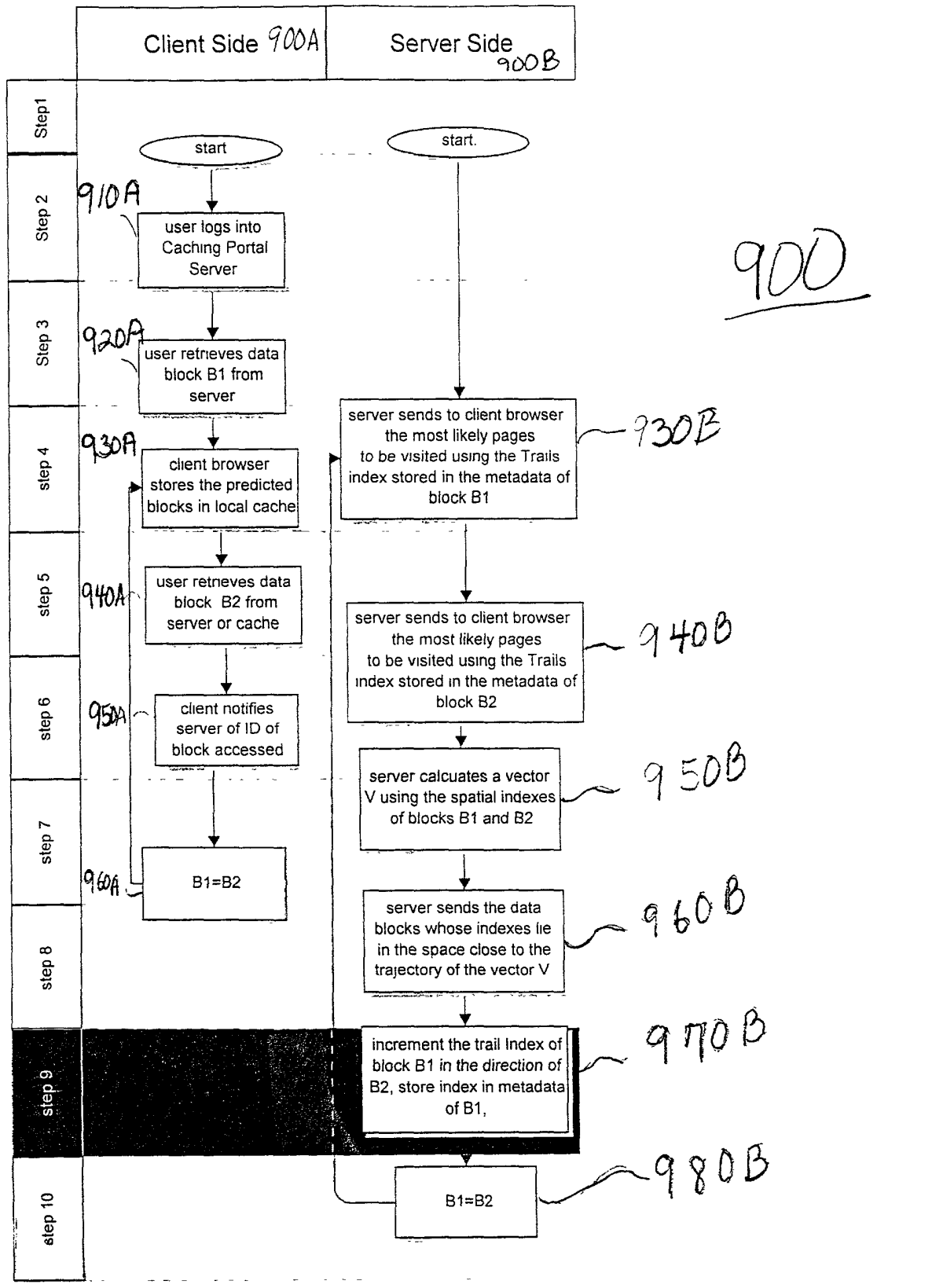


Fig. 9

10A  
20A  
30A  
1000A  
1000B

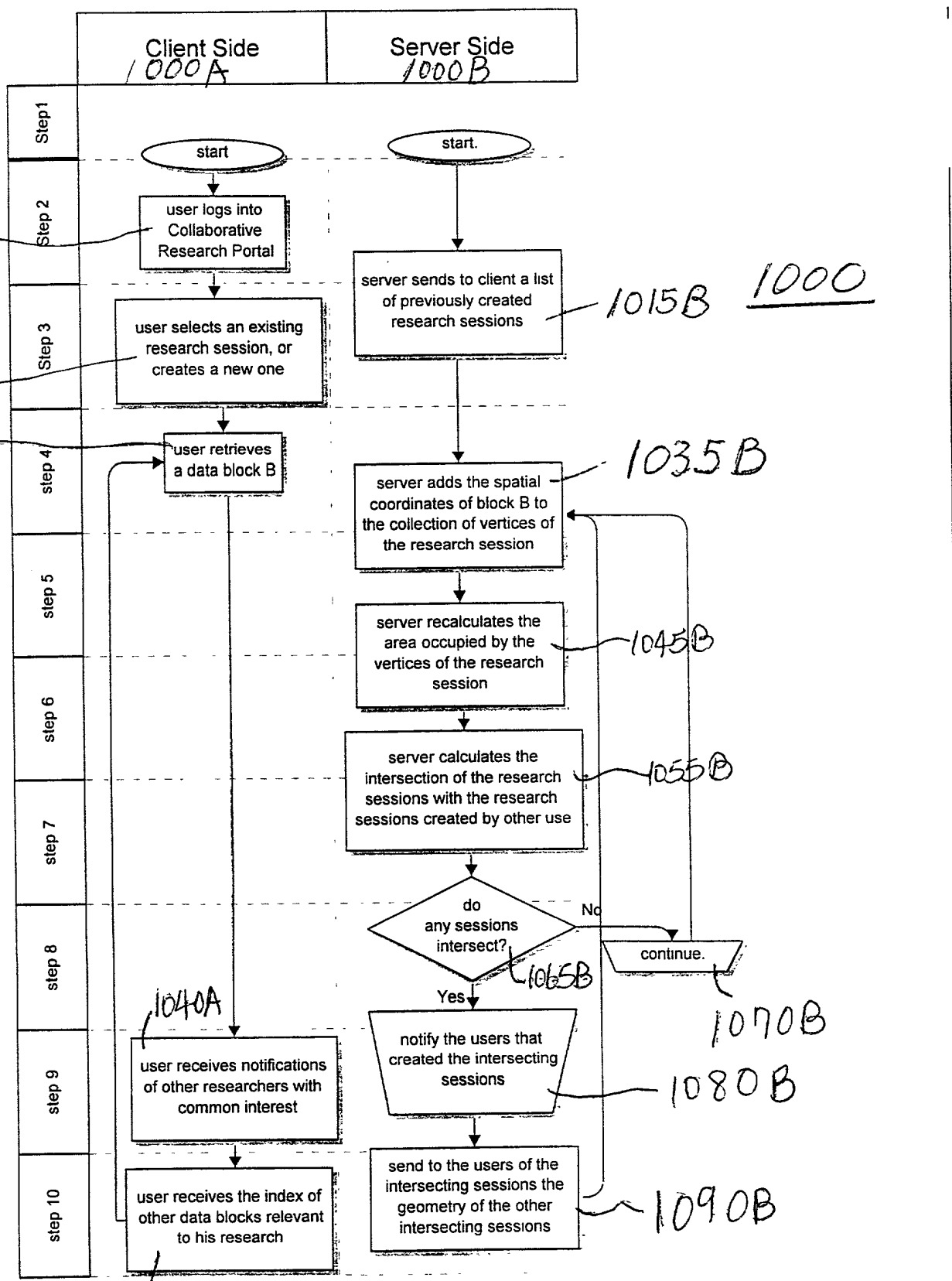


Figure 10

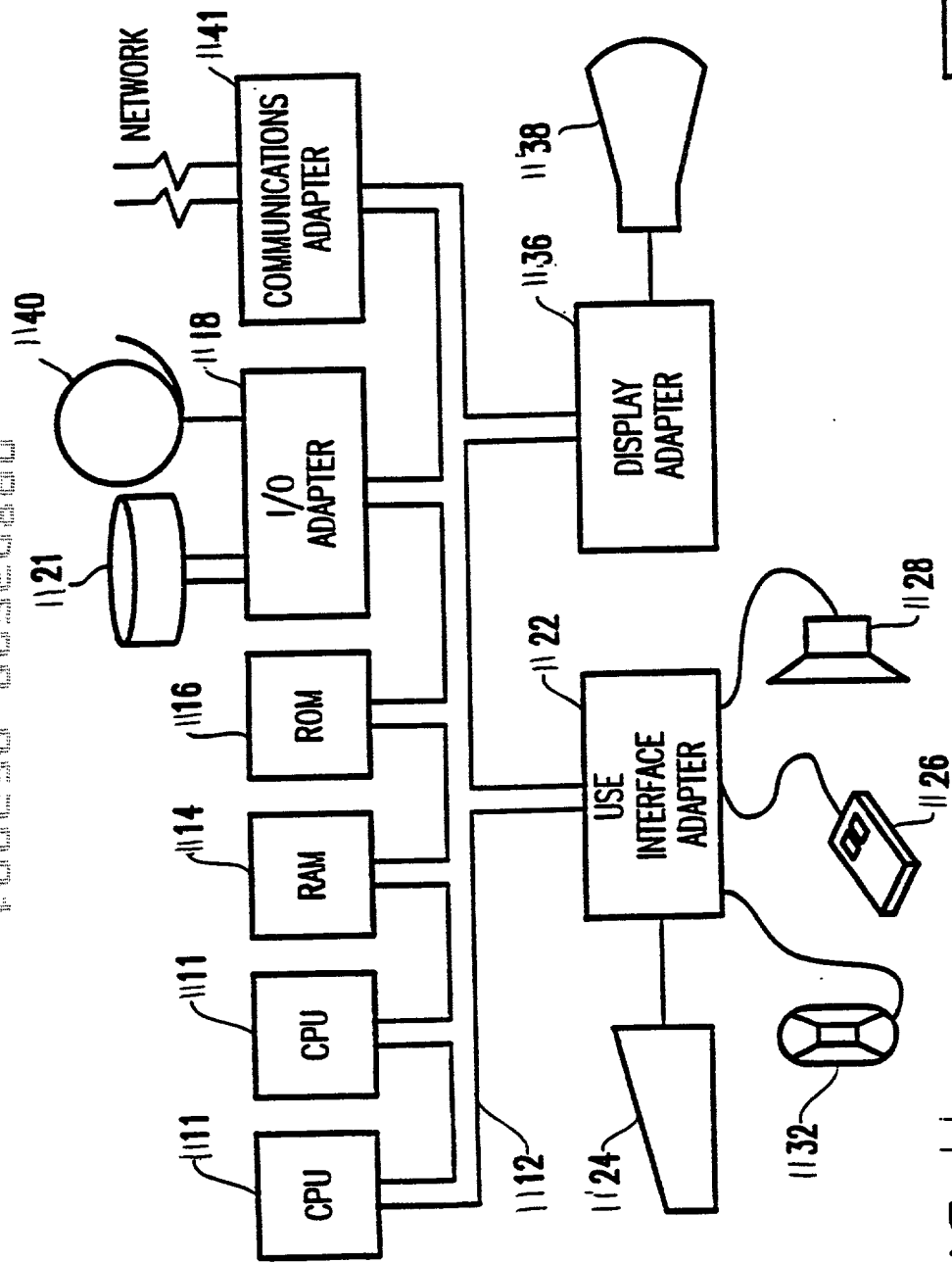


FIG. 11

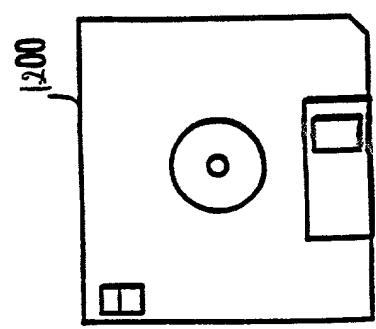


FIG. 12